



Figure 6 - Descriptor Posting Message Flows

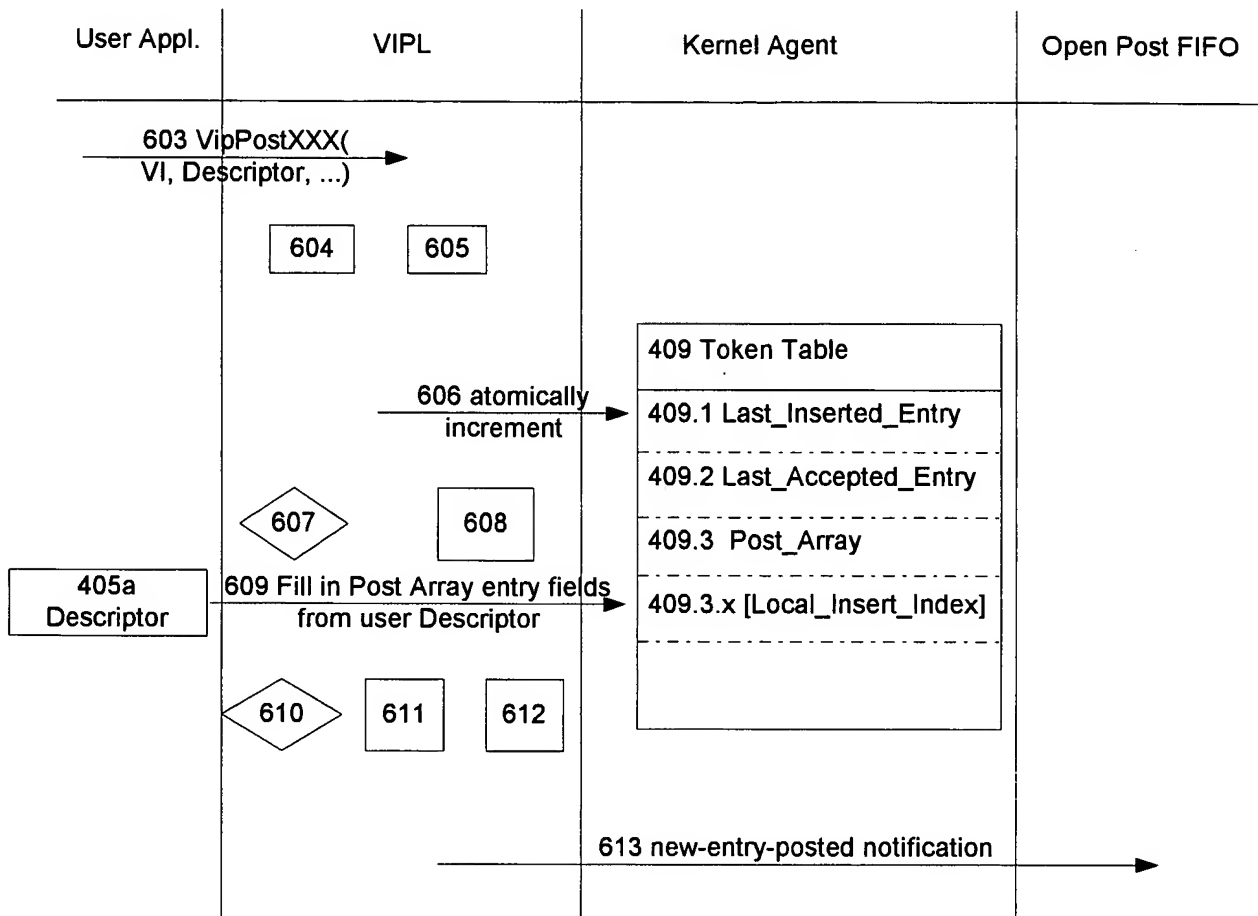


Figure 7- Msg Unit Descriptor
Processing Message Flows

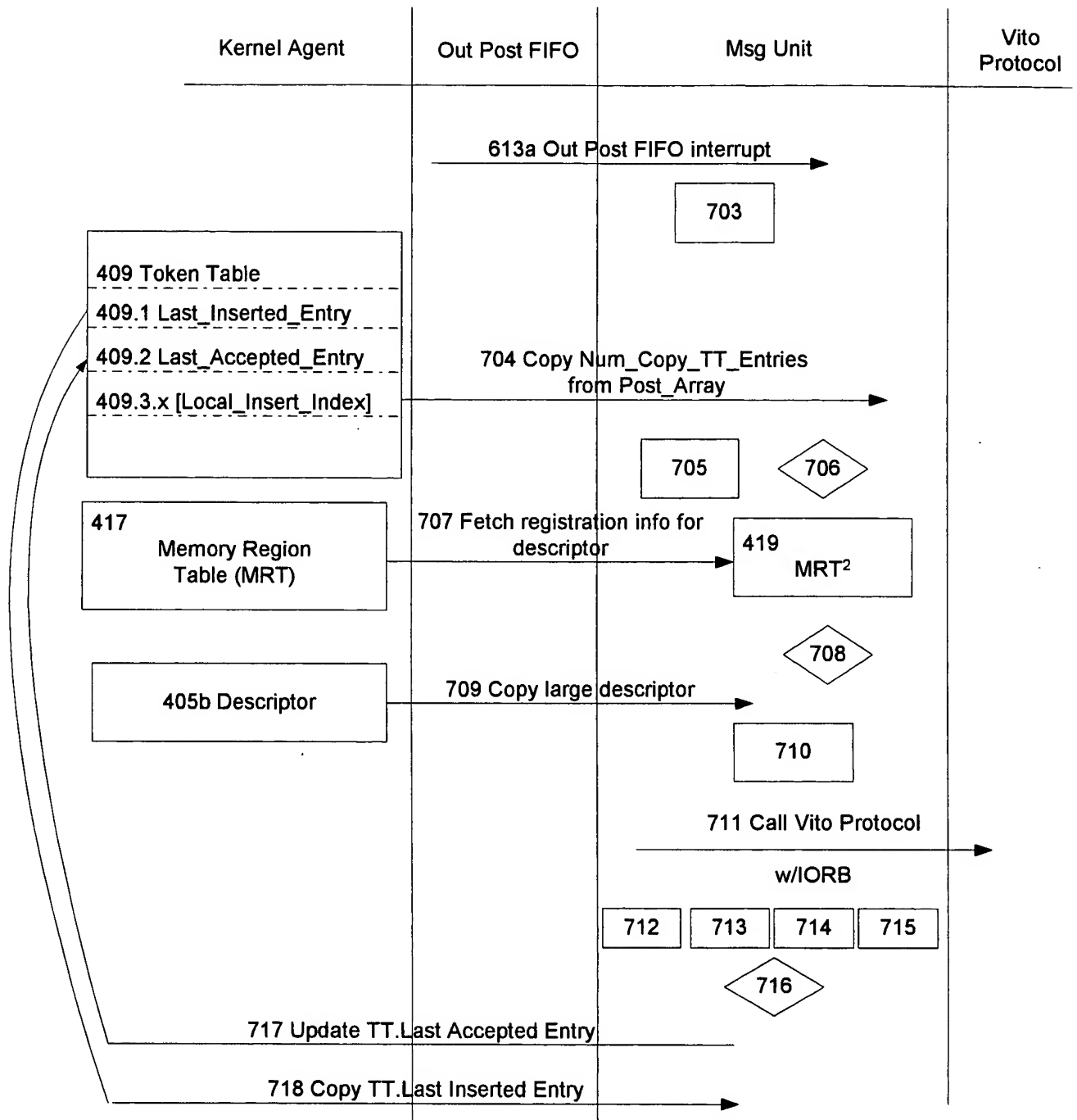


FIGURE 14 – VITO-FC FCP_CMD IU UPDATES

SCSI Fibre Channel Protocol FCP_CMD Information Unit

Vito over SCSI Fibre Channel Protocol FCP_CMD Information Unit

	Word	Byte 0	Byte 1	Byte 2	Byte 3
FCP_LUN	0	First Level LUN		Second Level LUN	
	1	Third Level LUN		Fourth Level LUN	
FCP_CNTL	2	Cmd Ref Num	Task Codes	Task Mgmt Flags	Exec Mgmt Codes
	3	1 st Byte of CDB			
FCP_CDB	4				
	5				
	6				16 th Byte of CDB
FCP_DL	7	Data Length			
Additional FCP_CDB	8-n	Additional FCP_CDB			

Word	Byte 0	Byte 1	Byte 2	Byte 3
0	VI Number		Remote VI Number	
1	Reserved			
2	VI Control Segment Flags		VI Operation Type	FCP RW bits
3	Reserved			
4	RDMA Remote Memory Handle			
5	Upper RDMA Remote Memory Virtual Address			
6	Lower RDMA Remote Memory Virtual Address			
7	Data Length			
8-n	Unused			

Figure 15 – Vito-FC RCP_RESP IU Updates

SCSI Fibre Channel Protocol FCP_RESP Information Unit					Vito over SCSI Fibre Channel Protocol FCP_RESP Information Unit				
Word	Byte 0	Byte 1	Byte 2	Byte 3	Word	Byte 0	Byte 1	Byte 2	Byte 3
reserved					0				
					1				
FCP_STATUS	reserved	reserved	Validity Flags	SCSI Status Bytes	2	reserved	reserved	Validity Flags	SCSI Status Byte
FCP_RESID					3				
FCP_SNS_LEN	(length of PCP_SNS_INFO in bytes)				4	(0=Good FCP_RESP and 8=Bad FCP_RESP)			
FCP_RSP_LEN	(0, 4 or 8 bytes per FCP)				5	(0=Good FCP_RESP and 8=Bad FCP_Resp)			
FCP_RSP_INFO	reserved	reserved	reserved	RSP_CODE	6	Reserved	reserved	reserved	RSP_CODE
	reserved	reserved	reserved	reserved	7	reserved	reserved	reserved	reserved
FCP_SNS_INFO	(variable length as defined by the FCP_SNS_LEN)				8-n	VI Status Code			